CLAIMS

We claim:

1. A micromachined actuator on a substrate, comprising: a suspension system anchored to the substrate; and a body mounted to the suspension system; wherein the suspension system comprises a set of one or more spring flexures connecting the actuator body to the substrate with strain relief provided via connecting torsional elements.

Attorney Docket No.: IRIS-01000US0 iris/1000/1000.app.doc